IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Hayden C. CRANFORD, Jr. Confirmation No.: 5429

Serial No: 10/680,679 Group Art Unit: 2117

Filed: October 7, 2003 Examiner: Gandhi, D. B.

For: METHOD AND SYSTEM FOR USING STATISTICAL SIGNATURES FOR TESTING HIGH-SPEED CIRCUITS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN REPLY TO OFFICE ACTION OF APRIL 4, 2007

In response to the Office Action dated April 4, 2007 please amend the application identified above in the following manner:

Amendments to the Claims are reflected in the listing of claims which begins on page **2** of this paper.

Remarks begin on page **10** of this paper.